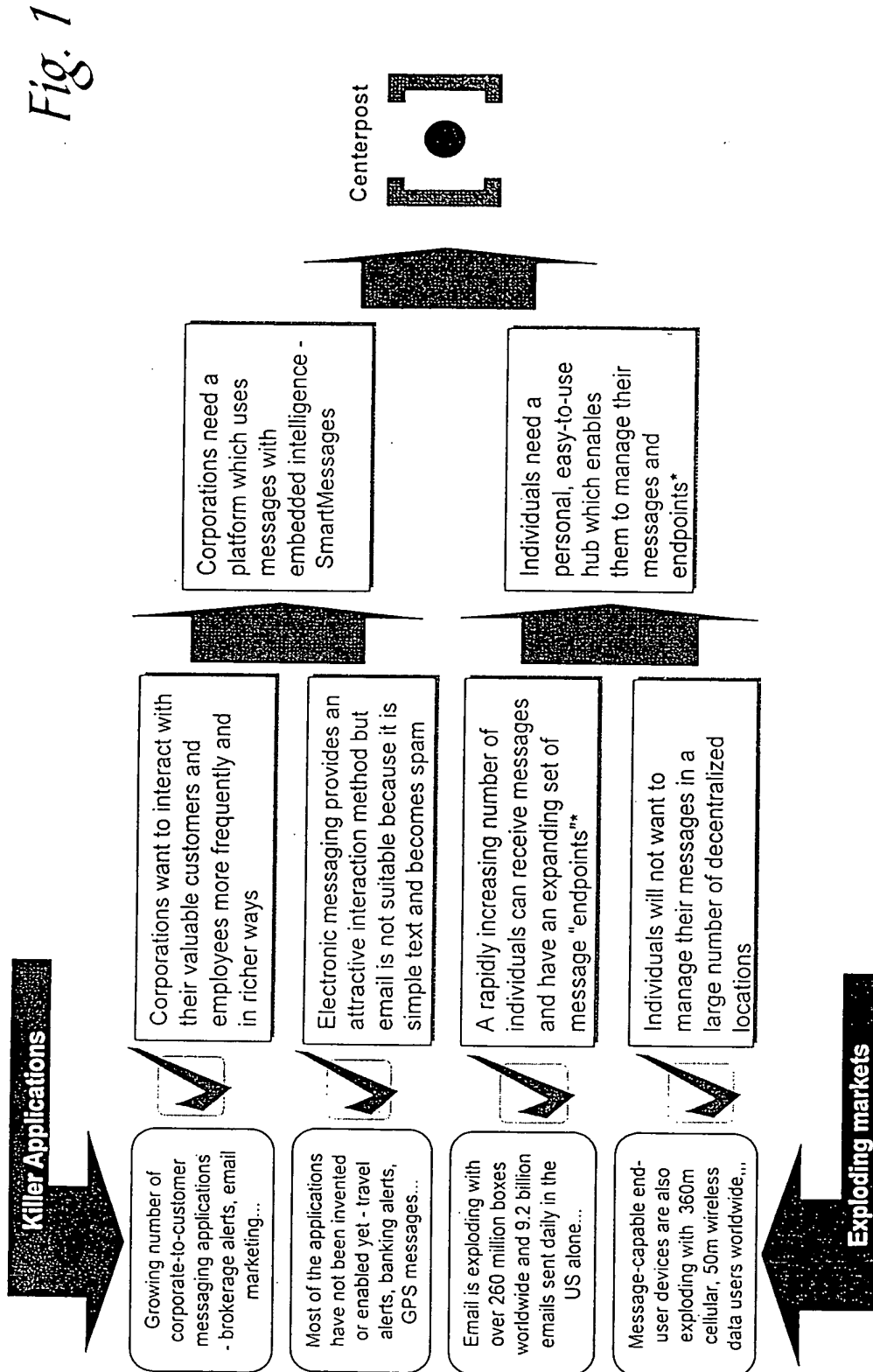




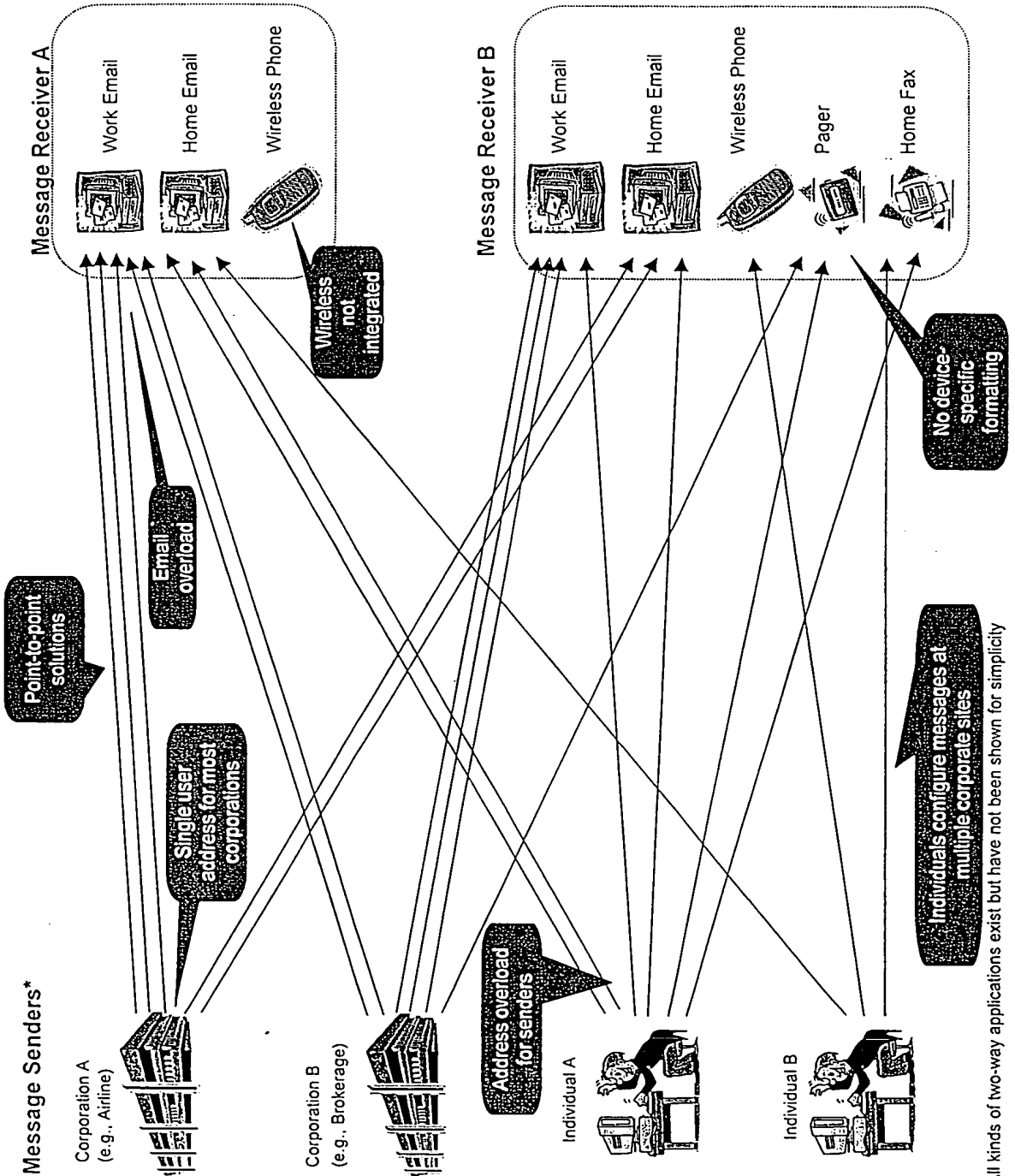
MARKET NEED FOR CENTERPOST



*Endpoints are email boxes, digital cellular phones, pagers, instant messages, fax machines, telephones, PDAs, and other such devices

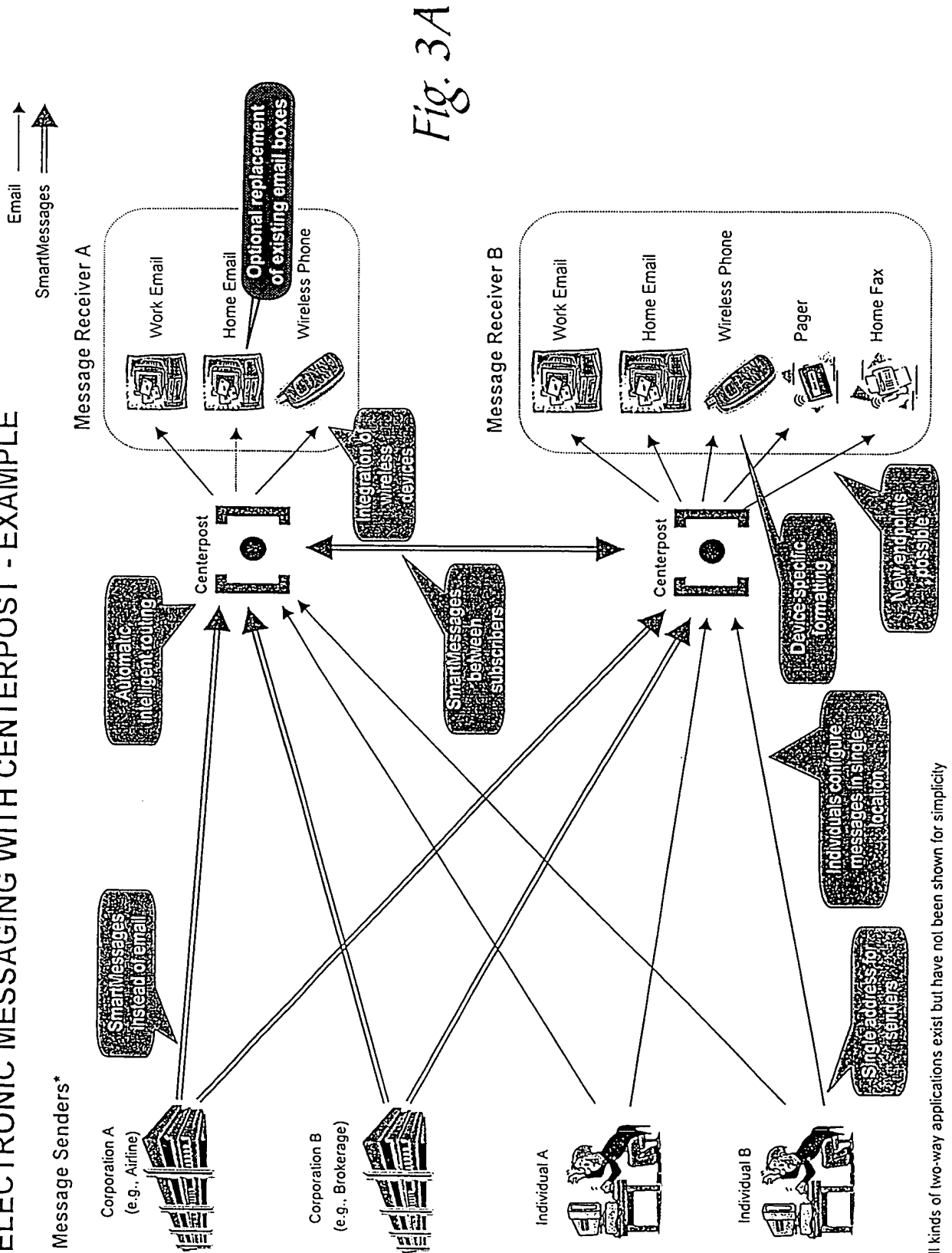
Fig. 2

ELECTRONIC MESSAGING WITHOUT CENTERPOST - EXAMPLE



* All kinds of two-way applications exist but have not been shown for simplicity

ELECTRONIC MESSAGING WITH CENTERPOST - EXAMPLE



* All kinds of two-way applications exist but have not been shown for simplicity









Fig. 3B



Note: For simplicity, this diagram reflects one-way interaction into a user's Centerpost account. 2-way is also possible.

Fig. 3C

EXAMPLE CENTERPOST INTERACTIONS FOR AN INDIVIDUAL SUBSCRIBER

| | CONTENT | EXAMPLE PROCESSING RULES (for 1 subscriber) | 2-WAY POTENTIAL |
|------------------------|---|--|--|
| Airlines |  Booking confirmation Destination weather forecast Flight delay / cancellation Gate assignments Destination traffic alert Frequent flyer posting | Send to assistant's email; update "folio" on Centerpost Send to home fax on evening prior to trip Send to pager and copy assistant's fax; to mobile phone on weekends Send to pager; update PalmPilot schedule Send to pager; send to assistant's fax Consolidate and send weekly summary to home email | Rebook other flight |
| Brokers |  Portfolio news Closing prices Stock alerts Trade alerts Trade expiration | Send to home email; send urgent taglines to pager Send chart to work email; update "folio" on Centerpost; enable query Send to home email; send to PCS phone for extreme movements Send to pager; request shares to buy/sell Send to home email | Send details Execute trade Execute trade Renew position |
| Banks and credit cards |  Low balance Unusual activity Account postings | Send to home fax Send to pager; call home phone Update "folio" on Centerpost; update Quicken register | Transfer funds Freeze account |
| Retailers |  Special promotions Time sensitive promotions Ordered items arrived Ordered items shipped | Consolidate and send weekly summary on Fridays to home email Send to home email; delete when expired Send to home fax Send to home fax | Purchase item Purchase item Hold at store |
| Shippers |  Package signed for Package tracking | Send to work email "shipments" folder; send to assistant's email Update "folio" on Centerpost; enable query to folio | |
| Schools |  Emergency contact Test scores School events | Send to all devices; also send to wife's Centerpost account. Update "folio" on Centerpost Send to home email | |
| Technicians |  Trouble alert Maintenance notification Scheduling message | Follow escalation schedule; update central "folio" Send to work email Send to pager | Will respond |
| Devices |  Security system alert Power outage Equipment/network alarms GPS transmission | Send to pager; ping wife's Centerpost; call neighbor phone Send to pager or cellphone Follow escalation schedule; update central "folio" Update map on work PC | False alarm Will respond |
| People |  Email Address update (from assistant) Schedule change (from assistant) | Route based on various criteria; send subject to pager if urgent Update address book on Palm VII, PCS phone, and home email Update schedule on Palm VII; send to pager if urgent | Reply to email |

Patent Application for Individual XML Message Processing Platform

Inventors: Juergen Stark, et al.

Attorney Docket No. 11822-8 Serial No. 09/661,499

Sheet No. 6 of 37

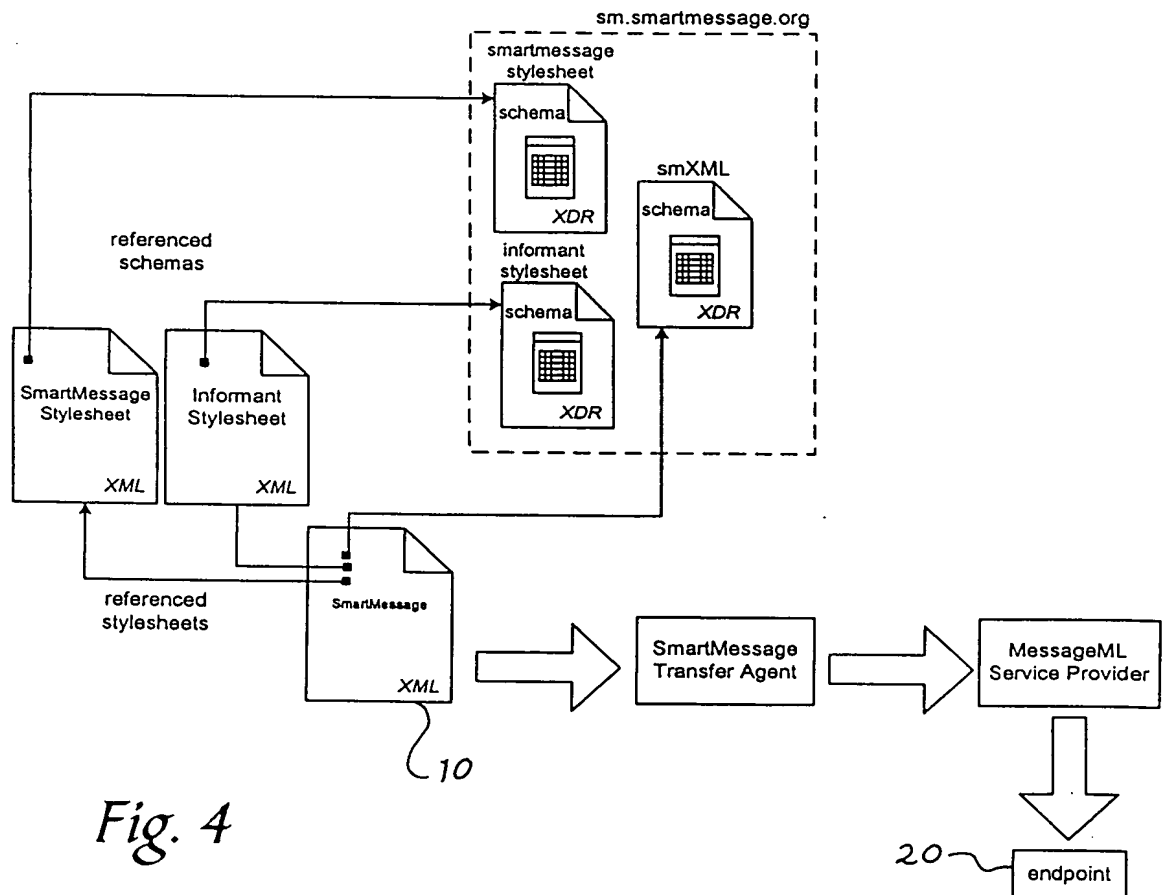
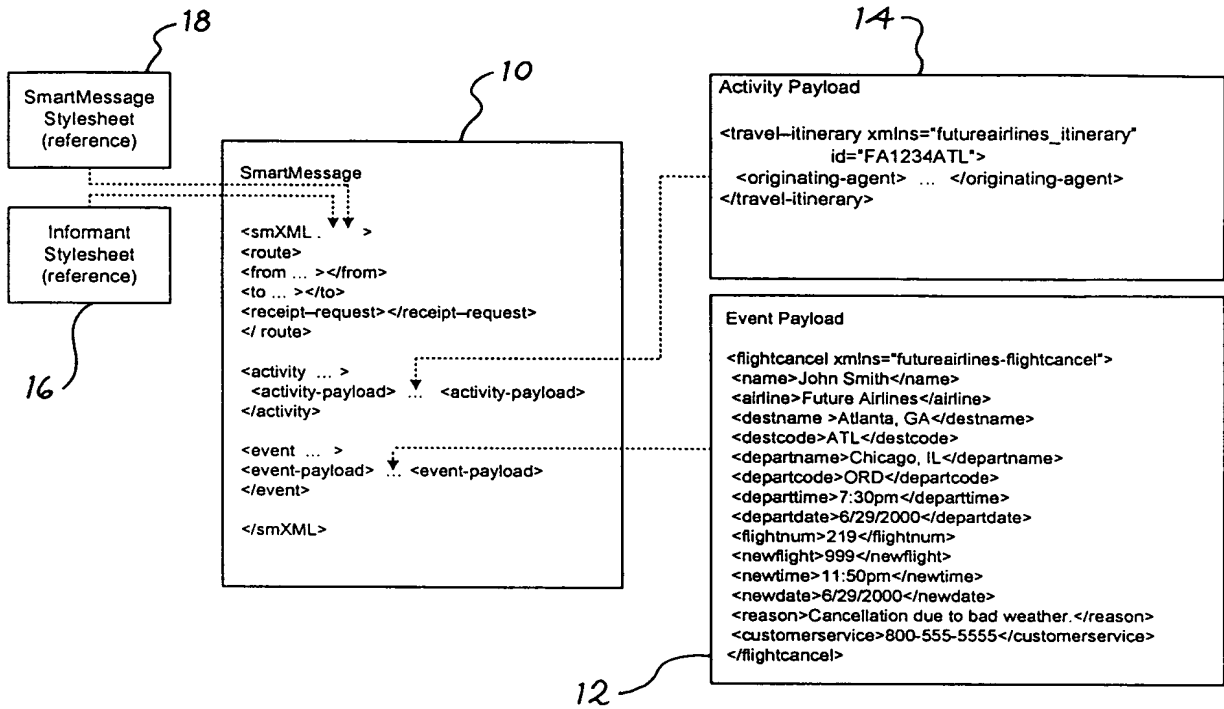


Fig. 4

Patent Application for Individual XML Message Processing Platform

Inventors: Juergen Stark, et al.

Attorney Docket No. 11822-8 **Serial No.** 09/661,499

Sheet No. 7 of 37

```
- <smXML xmlns="x-  
  schema:http://www.devpost.com/schemas/SM/smXMLver1.1.xdr" protocol-  
  version="1.1" smartmessage-id="309324dadfAA" smartmessage-date="2000-04-  
  21T14:30:55" informant-style-sheet-class="http://www.centerpost.com/"  
  informant-style-sheet-version="definitions/centerpostInformant11.xml"  
  smartmessage-style-sheet-class="http://www.devpost.com/" smartmessage-  
  style-sheet-version="definitions/centerpostDef2.xml">  
- <route>  
  <from reply-protocol="smtp" reply-address="admin@centerpost.com" from-  
    address="cgoren@centerpost.com" />  
  <to to-type="to" to-protocol="smtp" to-  
    address="jbrunning@centerpost.com" />  
  <receipt-request receipt-type="nak" receipt-event="processed" receipt-  
    protocol="smtp" receipt-address="receipts@centerpost.com" />  
  </route>  
- <activity activity-class="Welcome" activity-id="User9999" activity-  
  url="http://www.centerpost.com" activity-title="Welcome to Centerpost"  
  activity-status="Your account is now active." closed-date="2000-04-  
  22T14:30:55">  
- <activity-payload>  
  <welcome xmlns="InformantsSchema" />  
  </activity-payload>  
  </activity>  
- <event event-class="Account Created" event-id="User9999" event-  
  url="http://www.centerpost.com/userinfo.asp" event-description="Your new  
  Centerpost account is now active for your use.">  
- <event-payload>  
  <accountcreation xmlns="InformantsSchema" />  
  </event-payload>  
  </event>  
</smXML>
```

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Fig. 5

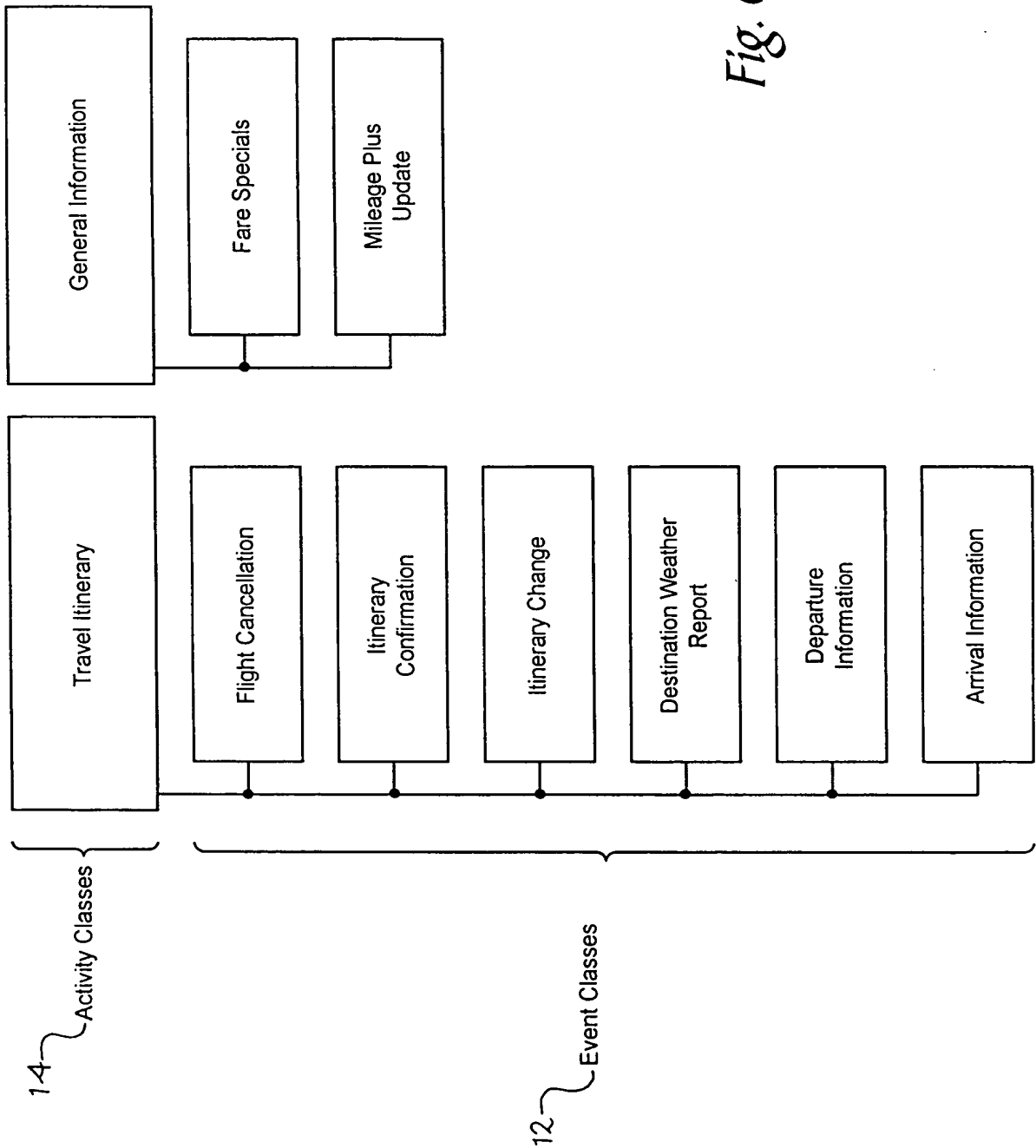


Fig. 6

Patent Application for Individual XML Message Processing Platform

Inventors: Juergen Stark, et al.

Attorney Docket No. 11822-8 **Serial No.** 09/661,499

Sheet No. 9 of 37

```
- <smInformantStylesheet xmlns="x-
  schema:http://www.devpost.com/schemas/Def/smInformantStylesheetSchema1.1.
  informant-name="Centerpost.com" informant-stylesheet-
  class="http://www.centerpost.com/" informant-stylesheet-
  version="definitions/InformantStylesheet1.1.xml" informant-
  description="Centerpost.com, your messaging center." logo-
  url="http://www.centerpost.com/images/centerpost.gif" home-
  url="http://www.centerpost.com" informant-category="personal">
  <valid-transport-source transport-source="*@centerpost.com" transport-
  protocol="smtp" />
  <valid-transport-source transport-source="*@demopost.com" transport-
  protocol="smtp" />
  <valid-transport-source transport-source="*@devpost.com" transport-
  protocol="smtp" />
  <valid-transport-source transport-protocol="http" transport-
  source="63.140.145.*" />
</smInformantStylesheet>
```

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Fig. 7A

Patent Application for Individual XML Message Processing Platform

Inventors: Juergen Stark, et al.

Attorney Docket No. 11822-8 **Serial No.** 09/661,499

Sheet No. 10 of 37

```
- <smSmartMessageStylesheet xmlns="x-
  schema:http://www.devpost.com/schemas/def/smsstylesheetschema1.1.xdr"
  smartmessage-stylesheet-class="http://www.devpost.com/" smartmessage-
  stylesheet-version="definitions/centerpostdef2.xml">
- <activity-class activity-name="Web Post" activity-duration="hours" event-
  frequency="once">
  <activity-payload-schema />
- <activity-xsl-default>
  <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
    xmlns:xsl_default="http://www.w3.org/TR/WD-xsl" />
  </activity-xsl-default>
- <activity-xsl-endpoint endpoint-type="browser">
  <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
    xmlns:xsl_default="http://www.w3.org/TR/WD-xsl" />
  </activity-xsl-endpoint>
- <event-class event-name="Emergency Reach" content="fyi"
  sensitivity="private" reach="individual" immediacy="minutes"
  expiration="minutes" frequency="once" context="personal">
- <event-payload-schema>
  - <Schema name="payloadschema.xdr" xmlns="urn:schemas-
    microsoft-com:xml-data" xmlns:dt="urn:schemas-microsoft-
    com:datatypes">
    - <ElementType name="Emergency" content="eltOnly" order="seq">
      <element type="from" />
      <element type="emergencySummary" />
      <element type="emergencyDetail" />
      <element type="ContactName" />
      <element type="ContactInfo" />
    </ElementType>
    <ElementType name="from" content="textOnly" />
    <ElementType name="emergencySummary" content="textOnly" />
    <ElementType name="emergencyDetail" content="textOnly" />
    <ElementType name="ContactName" content="textOnly" />
    <ElementType name="ContactInfo" content="textOnly" />
  </Schema>
  </event-payload-schema>
- <event-xsl-default>
  - <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
    xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
    - <xsl_default:template match="/">
      <xsl_default:apply-templates select="EmergencyReach" />
    </xsl_default:template>
    - <xsl_default:template match="EmergencyReach">
      This is an Emergency Reach Centerpost SmartMessage!
      From:
      <xsl_default:value-of select="from" />
      Contact:
      <xsl_default:value-of select="ContactName" />
      Contact Information:
      <xsl_default:value-of select="ContactInfo" />
      Emergency Summary:
      <xsl_default:value-of select="emergencySummary" />
```

Fig. 7B-1

Patent Application for Individual XML Message Processing Platform

Inventor: Juergen Stark, et al.

Attorney Docket No. 11822-8 **Serial No.** 09/661,499

Sheet No. 11 of 37

(More details may have be included in your folio) send a
SmartMessage at: <http://www.centerpost.com/Post/>

```
</xsl_default:template>
</xsl_default:stylesheet>
</event-xsl-default>
- <event-xsl-endpoint endpoint-type="html-email">
- <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
  xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
- <xsl_default:template match="/">
  <xsl_default:apply-templates select="EmergencyReach" />
</xsl_default:template>
- <xsl_default:template match="EmergencyReach">
- <HTML>
- <HEAD>
  <TITLE />
</HEAD>
- <BODY>
- <FONT face="arial,helvetica">
- <table cellpadding="0" cellspacing="0" border="0">
- <tr>
- <td>
  
</b>
<BR />
<BR />
<BR />
- <TABLE cellpadding="0" cellspacing="0" border="0">
- <TR>
  <TD>Message title:</TD>
</TR>
- <TR>
- <TD>
- <FONT color="red">
  <xsl_default:value-of
    select="emergencySummary" />
  </FONT>
</TD>
</TR>
- <TR>
- <TD>
  <BR />
</TD>
</TR>
- <TR>
```

Fig. 7B-2

```

- <TD>
    Message Text:
    <BR />
</TD>
</TR>
- <TR>
- <TD>
    - <FONT color="red">
        <xsl_default:value-of
            select="emergencyDetail" />
    </FONT>
</TD>
</TR>
- <TR>
- <TD>
    <BR />
</TD>
</TR>
- <TR>
- <TD>
    Please contact
    - <FONT color="red">
        <xsl_default:value-of
            select="ContactPerson" />
    </FONT>
</TD>
</TR>
- <TR>
- <TD>
    at:
    - <FONT color="red">
        <xsl_default:value-of
            select="ContactInfo" />
    </FONT>
</TD>
</TR>
</TABLE>
</FONT>
</BODY>
</HTML>
</xsl_default:template>
</xsl_default:stylesheet>
</event-xsl-endpoint>
- <event-xsl-endpoint endpoint-type="browser">
- <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
    xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
- <xsl_default:template match="/">
    <xsl_default:apply-templates select="EmergencyReach" />
</xsl_default:template>
- <xsl_default:template match="EmergencyReach">
- <HTML>
    <HEAD />
- <BODY>

```

Fig. 7B-3

```

- <FONT face="arial,helvetica">
- <table cellpadding="0" cellspacing="0" border="0">
- <tr>
- <td>
- 
- </b>
- <BR />
- <BR />
- <BR />
- <TABLE cellpadding="0" cellspacing="0" border="0">
- <TR>
- <TD>Message title:</TD>
- </TR>
- <TR>
- <TD>
- <FONT color="red">
- <xsl_default:value-of
- select="emergencySummary" />
- </FONT>
- </TD>
- </TR>
- <TR>
- <TD>
- <BR />
- </TD>
- </TR>
- <TR>
- <TD>
- Message Text:
- <BR />
- </TD>
- </TR>
- <TR>
- <TD>
- <FONT color="red">
- <xsl_default:value-of
- select="emergencyDetail" />
- </FONT>
- </TD>
- </TR>
- <TR>
- <TD>
- <BR />
- </TD>

```

Fig. 7B-4

```

        </TR>
    - <TR>
        <TD>Additional Contact Information:</TD>
    </TR>
    - <TR>
        - <TD>
            - <FONT color="red">
                <xsl_default:value-of
                    select="ContactInfo" />
            </FONT>
        </TD>
    </TR>
</TABLE>
</FONT>
</BODY>
</HTML>
</xsl_default:template>
</xsl_default:stylesheet>
</event-xsl-endpoint>
</event-class>
- <event-class event-name="Hello" frequency="once" sensitivity="normal"
    reach="individual" content="statement" immediacy="days"
    expiration="days" context="personal">
- <event-payload-schema>
    - <Schema name="payloadschema.xdr" xmlns="urn:schemas-
        microsoft-com:xml-data" xmlns:dt="urn:schemas-microsoft-
        com:datatypes">
        - <ElementType name="SayHello" content="eltOnly" order="seq">
            <element type="from" />
            <element type="shortHello" />
            <element type="longHello" />
        </ElementType>
        <ElementType name="from" content="textOnly" />
        <ElementType name="shortHello" content="textOnly" />
        <ElementType name="longHello" content="textOnly" />
    </Schema>
</event-payload-schema>
- <event-xsl-default>
    - <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-xml40"
        xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
        - <xsl_default:template match="/">
            <xsl_default:apply-templates select="SayHello" />
        </xsl_default:template>
        - <xsl_default:template match="SayHello">
            This is a 'Hello' message from
            <xsl_default:value-of select="from" />
            They wanted to say
            <xsl_default:value-of select="shortHello" />
            (More details may have be included in your folio) send a
            SmartMessage at: http://www.centerpost.com/Post/
        </xsl_default:template>
    </xsl_default:stylesheet>
</event-xsl-default>

```

Fig. 7B-5

Patent Application for Individual XML Message Processing Platform

Inventor: Juergen Stark, et al.

Attorney Docket No. 11822-8 **Serial No.** 09/661,499

Sheet No. 15 of 37

```
- <event-xsl-endpoint endpoint-type="html-email">
- <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
  xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
- <xsl_default:template match="/">
  <xsl_default:apply-templates select="SayHello" />
</xsl_default:template>
- <xsl_default:template match="SayHello">
- <HTML>
- <BODY>
- <FONT face="arial,helvetica">
- <table cellpadding="0" cellspacing="0" border="0">
- <tr>
- <td>
- 
</b>
<BR />
<BR />
<BR />
- <TABLE cellpadding="0" cellspacing="0" border="0">
- <TR>
  <TD>They wanted to say</TD>
</TR>
- <TR>
- <TD>
- <FONT color="red">
  <xsl_default:value-of
  select="longHello" />
  </FONT>
</TD>
</TR>
- <TR>
- <TD>
  <BR />
</TD>
</TR>
</TABLE>
</FONT>
</BODY>
</HTML>
</xsl_default:template>
</xsl_default:stylesheet>
</event-xsl-endpoint>
- <event-xsl-endpoint endpoint-type="browser">
- <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
```

Fig. 7B-6

Patent Application for Individual XML Message Processing Platform

Inventors: Juergen Stark, et al.

Attorney Docket No. 11822-8 **Serial No.** 09/661,499

Sheet No. 16 of 37

```
xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
- <xsl_default:template match="/">
  <xsl_default:apply-templates select="EmergencyReach" />
</xsl_default:template>
- <xsl_default:template match="EmergencyReach">
  - <HTML>
    - <BODY>
      - <FONT face="arial,helvetica">
        - <table cellpadding="0" cellspacing="0" border="0">
          - <tr>
            - <td>
              
        </b>
        <BR />
        <BR />
        <BR />
      - <TABLE cellpadding="0" cellspacing="0" border="0">
        - <TR>
          <TD>They wanted to say</TD>
        </TR>
        - <TR>
          - <TD>
            - <FONT color="red">
              <xsl_default:value-of
                select="longHello" />
            </FONT>
          </TD>
        </TR>
        - <TR>
          - <TD>
            <BR />
          </TD>
        </TR>
      </TABLE>
    </FONT>
  </BODY>
</HTML>
</xsl_default:template>
</xsl_default:stylesheet>
</event-xsl-endpoint>
</event-class>
</activity-class>
- <activity-class activity-name="Announcements" activity-duration="ongoing" event-
  frequency="monthly">
```

Fig. 7B-7

Patent Application for Individual XML Message Processing Platform

Inventor: Juergen Stark, et al.

Attorney Docket No. 11822-8 **Serial No.** 09/661,499

Sheet No. 17 of 37

```
- <activity-xsl-default>
  <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
    xmlns:xsl_default="http://www.w3.org/TR/WD-xsl" />
</activity-xsl-default>
- <event-class event-name="Welcome" frequency="once" sensitivity="normal"
  reach="individual" content="statement" immediacy="days"
  expiration="days" context="personal">
- <event-payload-schema>
  - <Schema name="payloadschema.xdr" xmlns="urn:schemas-
    microsoft-com:xml-data" xmlns:dt="urn:schemas-microsoft-
    com:datatypes">
    - <ElementType name="Welcome" content="eltOnly" order="seq">
      <element type="EndpointName" />
      <element type="Message" />
    </ElementType>
    <ElementType name="EndpointName" content="textOnly" />
    <ElementType name="Message" content="textOnly" />
  </Schema>
</event-payload-schema>
- <event-xsl-default>
  - <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
    xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
    - <xsl_default:template match="/">
      <xsl_default:apply-templates select="Announcements" />
    </xsl_default:template>
    <xsl_default:template match="Announcements">Welcome To
      Centerpost! Congratulations, you've just received your first
      smart message. This test message was sent to all of your
      endpoints</xsl_default:template>
    </xsl_default:stylesheet>
  </event-xsl-default>
- <event-xsl-endpoint endpoint-type="html-email">
  - <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
    xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
    - <xsl_default:template match="/">
      <xsl_default:apply-templates select="Announcements" />
    </xsl_default:template>
    - <xsl_default:template match="Announcements">
      - <html>
        - <head>
          <title />
        </head>
        - <body>
          - <table cellpadding="0" cellspacing="0" border="0">
            - <tr>
              - <td>
                
            </tr>
          </table>
          <br />
          - <font face="arial,helvetica" size="5" color="red">
```

Fig. 7B-8

```

        <b>Welcome to centerpost!</b>
    </font>
    <br />
    <br />
-   <font face="arial,helvetica">
        Congratulations, you've just received your first
        smart message.
        <br />
        This test message was sent to all of your
        endpoints
        <br />
        <br />
        You can start sending your own SmartMessages,
        and learn more
        <br />
        about your account at the
        <a
            href="http://www.centerpost.com/postm/pmsg1.asp">Centerpost
            web page</a>
        <br />
    </font>
</body>
</html>
</xsl_default:template>
</xsl_default:stylesheet>
</event-xsl-endpoint>
- <event-xsl-endpoint endpoint-type="browser">
- <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
    xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
- <xsl_default:template match="/">
    <xsl_default:apply-templates select="Announcements" />
</xsl_default:template>
- <xsl_default:template match="Announcements">
- <html>
- <head>
    <title />
</head>
- <body>
- <table cellpadding="0" cellspacing="0" border="0">
- <tr>
- <td>
    
</tr>
</table>
<br />
- <font face="arial,helvetica" size="5" color="red">
    <b>Welcome to centerpost!</b>
</font>
<br />
<br />
- <font face="arial,helvetica">

```

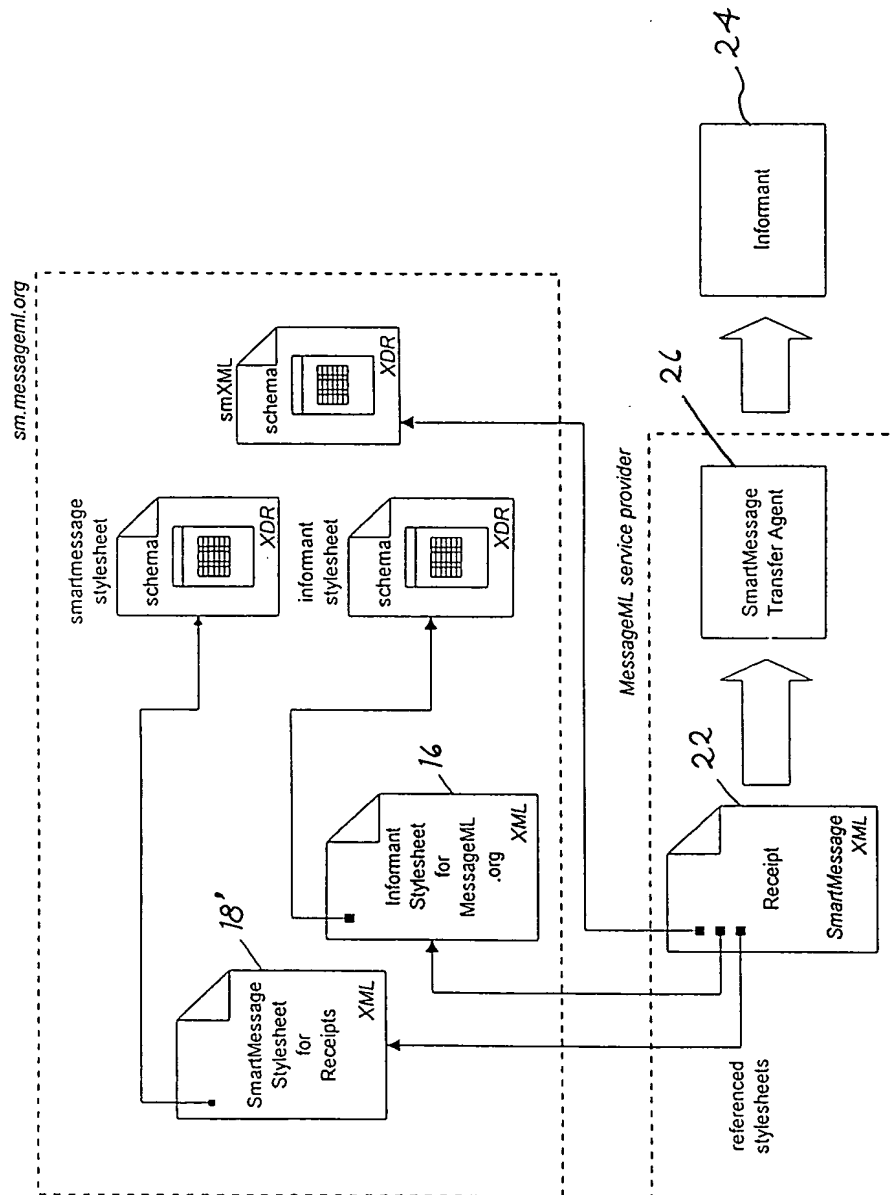
Fig. 7B-9

```
Congratulations, you've just received your first
smart message.
<br />
This test message was sent to all of your
endpoints
<br />
<br />
You can start sending your own SmartMessages,
and learn more
<br />
about your account at the
<a
  href="http://www.centerpost.com/postm/pmsg1.asp">Centerpost
  web page</a>
<br />
</font>
</body>
</html>
</xsl_default:template>
</xsl_default:stylesheet>
</event-xsl-endpoint>
</event-class>
</activity-class>
</smSmartMessageStylesheet>
```

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Fig. 7B-10

Fig. 8



Patent Application for Individual XML Message Processing Platform

Inventor: Juergen Stark, et al.

Attorney Docket No. 11822-8 Serial No. 09/661,499

Sheet No. 21 of 37

Receipt SmartMessage Stylesheet

```
<smSmartMessageStylesheet
  xmlns="x-schema:http://sm.smartmessage.org/schemas/stylesheet/smartmessage/v1-1.xdr"
  smartmessage-stylesheet-class="http://sm.smartmessage.org/stylesheet/receipts/"
  smartmessage-stylesheet-version="v1-0.xml">

  <activity-class
    activity-name="Receipts"
    activity-duration="ongoing"
    event-frequency="once">

    <activity-xsl-default>
      <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
        xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
        <xsl_default:template match="/" />
      </xsl_default:stylesheet>
    </activity-xsl-default>

    <event-class
      event-name="DeliveryStatus"
      purpose="information"
      sensitivity="normal"
      reach="individual"
      immediacy="days"
      frequency="daily"
      category="system">

      <event-payload-schema>
        <Schema name="deliverystatusreceipt.xdr"
          xmlns="urn:schemas-microsoft-com:xml-data"
          xmlns:dt="urn:schemas-microsoft-com:datatypes">
          <ElementType name="receipt" content="eltOnly" order="seq">
            <AttributeType name="receipt-event" dt:type="enumeration"
              dt:values="delivery-status" default="delivery-status"/>
            <AttributeType name="receipt-type" dt:type="enumeration"
              dt:values="ack nak retry" default="nak"/>
            <AttributeType name="receipt-date" dt:type="dateTime"
              required="yes"/>
            <AttributeType name="smartmessage-id" dt:type="string"
              required="yes"/>
            <AttributeType name="to-address" dt:type="string" required="yes"/>
            <AttributeType name="endpoint-type" dt:type="enumeration"
              dt:values="browser html-email text-email tiny-email fax
              voice-phone instant-message" required="yes"/>
            <AttributeType name="endpoint-address" dt:type="string"
              required="yes"/>
            <AttributeType name="last-attempt-date" dt:type="dateTime"
              required="yes"/>
            <AttributeType name="will-retry-attempt" dt:type="int"
              required="yes"/>
            <AttributeType name="will-retry-until" dt:type="dateTime"
              required="yes"/>
            <AttributeType name="next-retry-attempt" dt:type="dateTime"
              required="yes"/>
            <Attribute type="receipt-event"/>
            <Attribute type="receipt-type"/>
            <Attribute type="receipt-date"/>
            <Attribute type="smartmessage-id"/>
            <Attribute type="to-address"/>
            <Attribute type="endpoint-type"/>
            <Attribute type="endpoint-address"/>
            <Attribute type="last-attempt-date"/>
            <Attribute type="will-retry-attempt"/>
            <Attribute type="will-retry-until"/>
            <Attribute type="next-retry-attempt"/>
            <element type="error-info" minOccurs="0" maxOccurs="1"/>
            <element type="extended-info" minOccurs="0" maxOccurs="1"/>
          </ElementType>
          <ElementType name="error-info" content="eltOnly" order="seq">
```

Fig. 9A

Patent Application for Individual XML Message Processing Platform

Inventors: Juergen Stark, et al.

Attorney Docket No. 11822-8 Serial No. 09/661,499

Sheet No. 22 of 37

```
<AttributeType name="error-class" dt:type="enumeration"
  dt:values="http https smtp smime platform-specific"
  default="smtp" required="yes"/>
<AttributeType name="error-code" dt:type="string" required="yes"/>
<AttributeType name="error-description" dt:type="string"
  required="yes"/>
<attribute type="error-class"/>
<attribute type="error-code"/>
<attribute type="error-description"/>
</ElementType>
<ElementType name="extended-info" content="eltOnly" order="seq"/>
</Schema>
</event-payload-schema>
<event-xsl-default>
  <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
    xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
    <xsl_default:template match="/">
      <xsl_default:apply-templates select="receipt"/>
    </xsl_default:template>
    <xsl_default:template match="receipt">
      Receipt Item
      receipt-event:      <xsl_default:value-of select="@receipt-event"/>
      receipt-type:      <xsl_default:value-of select="@receipt-type"/>
      receipt-date:      <xsl_default:value-of select="@receipt-date"/>
      smartmessage-id:   <xsl_default:value-of select="@smartmessage-id"/>
      to-address:        <xsl_default:value-of select="@to-address"/>
      endpoint-type:     <xsl_default:value-of select="@endpoint-type"/>
      endpoint-address:  <xsl_default:value-of select="@endpoint-address"/>
      last-attempt-date: <xsl_default:value-of select="@last-attempt-date"/>
      will-retry-attempt: <xsl_default:value-of select="@will-retry-attempt"/>
      will-retry-until:  <xsl_default:value-of select="@will-retry-until"/>
      next-retry-attempt: <xsl_default:value-of select="@next-retry-attempt"/>
      error-class:       <xsl_default:value-of select="error-info/@error-class"/>
      error-code:        <xsl_default:value-of select="error-info/@error-code"/>
      error-description: <xsl_default:value-of select="error-info/@error-description"/>

      Receipt Specific Data:
      <xsl_default:value-of select="extended-info"/>
    </xsl_default:template>
  </xsl_default:stylesheet>
</event-xsl-default>
</event-class>

<event-class
  event-name="Received"
  purpose="information"
  sensitivity="normal"
  reach="individual"
  immediacy="days"
  frequency="once"
  category="miscellaneous">

  <event-payload-schema>
    <Schema name="receivedreceipt.xdr"
      xmlns="urn:schemas-microsoft-com:xml-data"
      xmlns:dt="urn:schemas-microsoft-com:datatypes">
      <ElementType name="receipt" content="eltOnly" order="seq">
        <AttributeType name="receipt-event" dt:type="enumeration"
          dt:values="received" default="received"/>
        <AttributeType name="receipt-type" dt:type="enumeration"
          dt:values="ack nak" default="nak"/>
        <AttributeType name="receipt-date" dt:type="dateTime"
          required="yes"/>
        <AttributeType name="smartmessage-id" dt:type="string"
          required="yes"/>
        <AttributeType name="to-address" dt:type="string" required="yes"/>
        <AttributeType name="error-code" dt:type="string" required="no"/>
        <AttributeType name="error-description" dt:type="string"
          required="no"/>
        <attribute type="receipt-event"/>
        <attribute type="receipt-type"/>
```

Fig. 9B

Patent Application for Individual XML Message Processing Platform
Inventor: Juergen Stark, et al.
Attorney Docket No. 11822-8 Serial No. 09/661,499
Sheet No. 23 of 37

```
<attribute type="receipt-date"/>
<attribute type="smartmessage-id"/>
<attribute type="to-address"/>
<element type="error-info" minOccurs="0" maxOccurs="1"/>
<element type="extended-info" minOccurs="0" maxOccurs="1"/>
</ElementType>
<ElementType name="error-info" content="eltOnly" order="seq">
  <AttributeType name="error-class" dt:type="enumeration"
    dt:values="http https smtp smime platform-specific"
    default="smtp" required="yes"/>
  <AttributeType name="error-code" dt:type="string" required="yes"/>
  <AttributeType name="error-description" dt:type="string"
    required="yes"/>
  <attribute type="error-class"/>
  <attribute type="error-code"/>
  <attribute type="error-description"/>
</ElementType>
<ElementType name="extended-info" content="eltOnly" order="seq"/>
</Schema>
</event-payload-schema>
<event-xsl-default>
  <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
    xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
    <xsl_default:template match="/">
      <xsl_default:apply-templates select="receipt"/>
    </xsl_default:template>
    <xsl_default:template match="receipt">
      Receipt Item
      receipt-event: <xsl_default:value-of select="@receipt-event"/>
      receipt-type: <xsl_default:value-of select="@receipt-type"/>
      receipt-date: <xsl_default:value-of select="@receipt-date"/>
      smartmessage-id: <xsl_default:value-of select="@smartmessage-id"/>
      to-address: <xsl_default:value-of select="@to-address"/>
      error-class: <xsl_default:value-of select="error-info/@error-class"/>
      error-code: <xsl_default:value-of select="error-info/@error-code"/>
      error-description: <xsl_default:value-of select="error-info/@error-description"/>

      Receipt Specific Data:
      <xsl_default:value-of select="extended-info"/>
    </xsl_default:template>
  </xsl_default:stylesheet>
</event-xsl-default>
</event-class>

<event-class
  event-name="Processed"
  purpose="information"
  sensitivity="normal"
  reach="individual"
  immediacy="days"
  frequency="once"
  category="miscellaneous">

  <event-payload-schema>
    <Schema name="processedreceipt.xdr"
      xmlns="urn:schemas-microsoft-com:xml-data"
      xmlns:dt="urn:schemas-microsoft-com:datatypes">
      <ElementType name="receipt" content="eltOnly" order="seq">
        <AttributeType name="receipt-event" dt:type="enumeration"
          dt:values="processed" default="processed"/>
        <AttributeType name="receipt-type" dt:type="enumeration"
          dt:values="ack nak" default="nak"/>
        <AttributeType name="receipt-date" dt:type="dateTime"
          required="yes"/>
        <AttributeType name="smartmessage-id" dt:type="string"
          required="yes"/>
        <AttributeType name="to-address" dt:type="string" required="yes"/>
        <AttributeType name="error-code" dt:type="string" required="no"/>
        <AttributeType name="error-description" dt:type="string"
          required="no"/>
        <attribute type="receipt-event"/>
      </ElementType>
    </Schema>
  </event-payload-schema>
</event-class>
```

Fig. 9C

Patent Application for Individual XML Message Processing Platform

Inventors: Juergen Stark, et al.

Attorney Docket No. 11822-8 Serial No. 09/661,499

Sheet No. 24 of 37

```
<attribute type="receipt-type"/>
<attribute type="receipt-date"/>
<attribute type="smartmessage-id"/>
<attribute type="to-address"/>
<element type="error-info" minOccurs="0" maxOccurs="1"/>
<element type="extended-info" minOccurs="0" maxOccurs="1"/>
</ElementType>
<ElementType name="error-info" content="eltOnly" order="seq">
  <AttributeType name="error-class" dt:type="enumeration"
    dt:values="http https smtp smime platform-specific"
    default="smtp" required="yes"/>
  <AttributeType name="error-code" dt:type="string" required="yes"/>
  <AttributeType name="error-description" dt:type="string"
    required="yes"/>
  <attribute type="error-class"/>
  <attribute type="error-code"/>
  <attribute type="error-description"/>
</ElementType>
<ElementType name="extended-info" content="eltOnly" order="seq"/>
</Schema>
</event-payload-schema>
<event-xsl-default>
  <xsl_default:stylesheet xmlns="http://www.w3.org/TR/REC-html40"
    xmlns:xsl_default="http://www.w3.org/TR/WD-xsl">
    <xsl_default:template match="/">
      <xsl_default:apply-templates select="receipt"/>
    </xsl_default:template>
    <xsl_default:template match="receipt">
      Receipt Item
      receipt-event:    <xsl_default:value-of select="@receipt-event"/>
      receipt-type:     <xsl_default:value-of select="@receipt-type"/>
      receipt-date:     <xsl_default:value-of select="@receipt-date"/>
      smartmessage-id:  <xsl_default:value-of select="@smartmessage-id"/>
      to-address:       <xsl_default:value-of select="@to-address"/>
      error-class:      <xsl_default:value-of select="error-info/error-class"/>
      error-code:       <xsl_default:value-of select="error-info/error-code"/>
      error-description: <xsl_default:value-of select="error-info/error-description"/>

      Receipt Specific Data:
      <xsl_default:value-of select="extended-info"/>
    </xsl_default:template>
  </xsl_default:stylesheet>
</event-xsl-default>
</event-class>
</activity-class>
</smSmartMessageStylesheet>
```

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Fig. 9D

Patent Application for Individual XML Message Processing Platform

Inventor: Juergen Stark, et al.

Attorney Docket No. 11822-8 Serial No. 09/661,499

Sheet No. 25 of 37

Fig. 10A

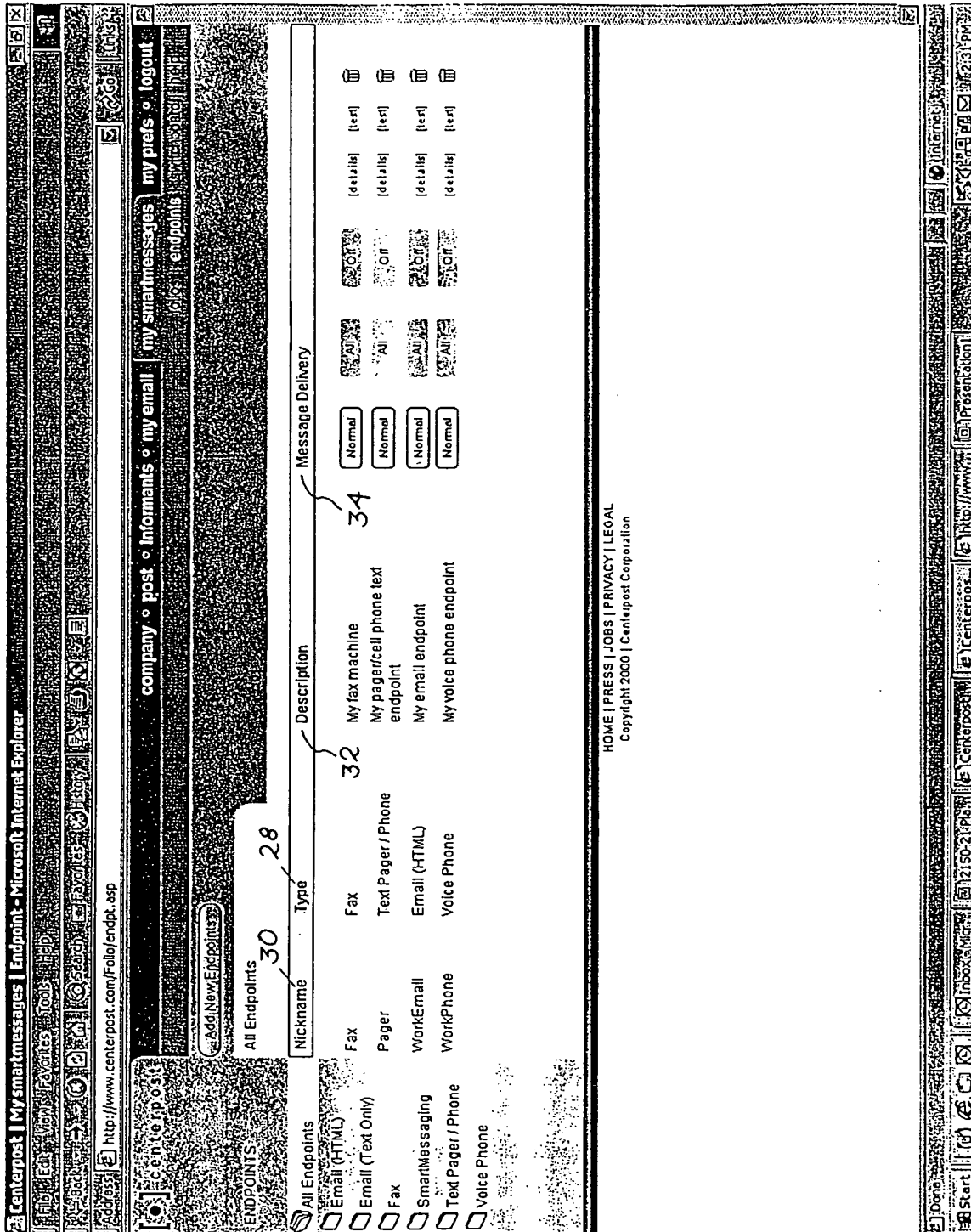


Fig. 10B

Centerpost | My smartmessages | Configuration - Microsoft Internet Explorer

Address: http://www.centerpost.com/Fabio/endconfiq.asp

centerpost

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[Endpoint Details] 36

Endpoint Nicknames are used to identify endpoints. Enter a Nickname using either letters or numbers. Spaces cannot be used in the Nicknames.

| | | | |
|----------------------|---|--------------|-------------|
| Nickname | Homep | Type | Voice Phone |
| Description | | Phone number | |
| Nickname Addressable | <input checked="" type="radio"/> yes <input type="radio"/> no | Extension | |

default endpoint delivery [?]

Choose how to determine the default delivery settings used to route SmartMessages to this endpoint. You may change the delivery settings for existing SmartMessages in [My SmartMessages | Switchboard] at any time.

☒ Use SmartRouting

SmartRouting technology compares endpoint characteristics to SmartMessage characteristics to determine the default delivery route. This option will allow new SmartMessage types to be automatically routed to this endpoint.

☐ Advanced Options: Prompt me to customize the delivery characteristics for this endpoint

☐ None

No SmartMessage types will ever be automatically routed to this endpoint.

Only SmartMessage types routed to this endpoint in [My SmartMessages | Switchboard] will be delivered here

☐ All

By default, all SmartMessages will be delivered to this endpoint.

Cancel Post

Fig. 10C

[.] centerpost

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[Advanced Options] — 38

Please select the types of messages you would like to receive on this endpoint
You can change the default routing behavior for an individual SmartMessage in [Delivery].

Example:
If you do not want to receive private information on your work phone, leave sensitivity of Private blank.
If you only want messages that require immediate attention on your cell phone, select all values for content, sensitivity, reach, frequency, and category, but only select minutes for immediacy.

| Content | Sensitivity | Reach | Frequency | Immediacy | Category |
|--|--|--|---|--|--|
| <input type="checkbox"/> Response Required <input type="checkbox"/> Action Required <input type="checkbox"/> Information | <input type="checkbox"/> Private <input type="checkbox"/> Normal <input type="checkbox"/> Public | <input type="checkbox"/> Individual <input type="checkbox"/> Group <input type="checkbox"/> Mass Broadcast | <input type="checkbox"/> Hourly <input type="checkbox"/> Daily <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Once | <input type="checkbox"/> Minutes <input type="checkbox"/> Hours <input type="checkbox"/> Days <input type="checkbox"/> Weeks <input type="checkbox"/> Months | (All Categories) <input type="checkbox"/> Auctions <input type="checkbox"/> Banking <input type="checkbox"/> Career <input type="checkbox"/> Community <input type="checkbox"/> Credit Card |

cancel back next

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Patent Application for Individual XML Message Processing Platform

Inventors: Juergen Stark, et al.

Attorney Docket No. 11822-8 Serial No. 09/661,499

Sheet No. 28 of 37

Fig. 10D

Centerpost | My smartmessages | Details - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://www.centerpost.com/Folio/endconfig.asp?epType=RepName=

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[Save Endpoint] 40

Click [SAVE] to keep these endpoint settings:

| | |
|-----------------------------|--|
| endpoint nickname | Homephone |
| endpoint description | |
| phone number | 773-296-6088 |
| nickname addressing allowed | Yes: demopatent+Homephone@centerpost.com |
| default delivery | Use SmartRouting |

[cancel] [back] [save]

HOME | PRESS | JOBS | PRIVACY | LEGAL
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Done Start Back Forward Home Favorites History Search

Centerpost | My smartmessages | Details - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://www.centerpost.com/Folio/endconfig.asp?epType=RepName=

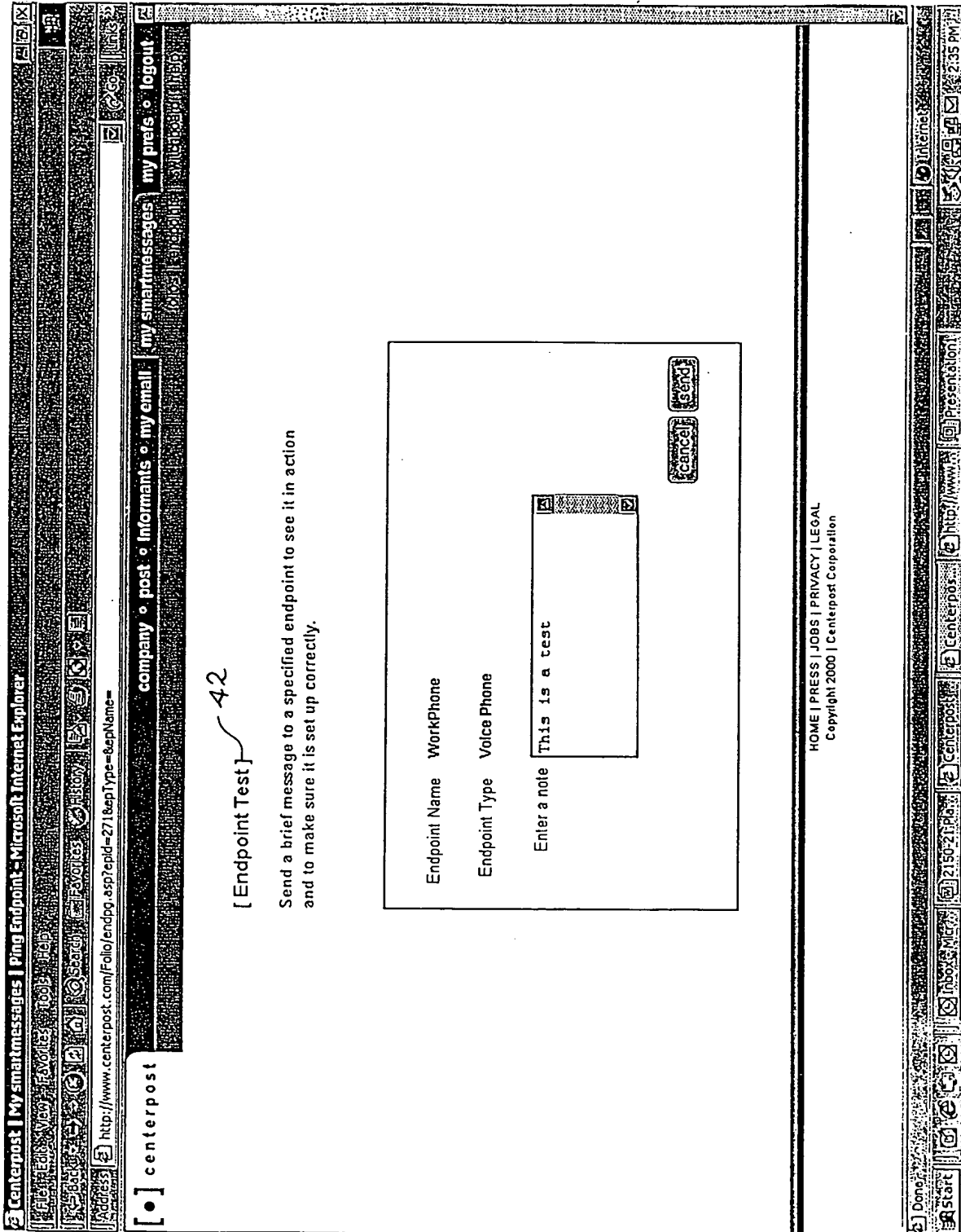
company • post • informants • my email my smartmessages my prefs • logout

[Save Endpoint] [cancel] [back] [save]

HOME | PRESS | JOBS | PRIVACY | LEGAL
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Done Start Back Forward Home Favorites History Search

Fig. 10E



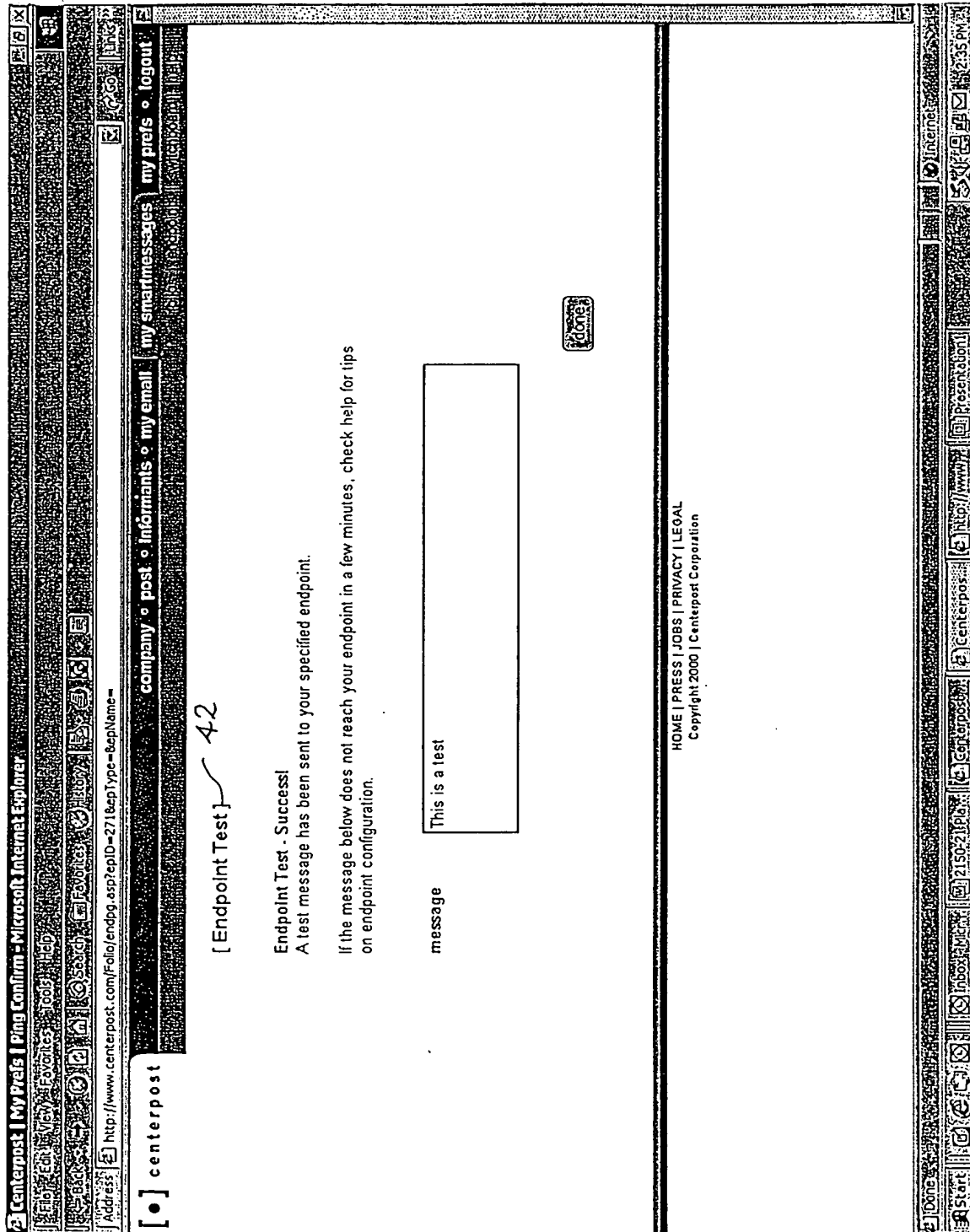
Patent Application for Individual XML Message Processing Platform

Inventors: Juergen Stark, et al.

Attorney Docket No. 11822-8 Serial No. 09/661,499

Sheet No. 30 of 37

Fig. 10F

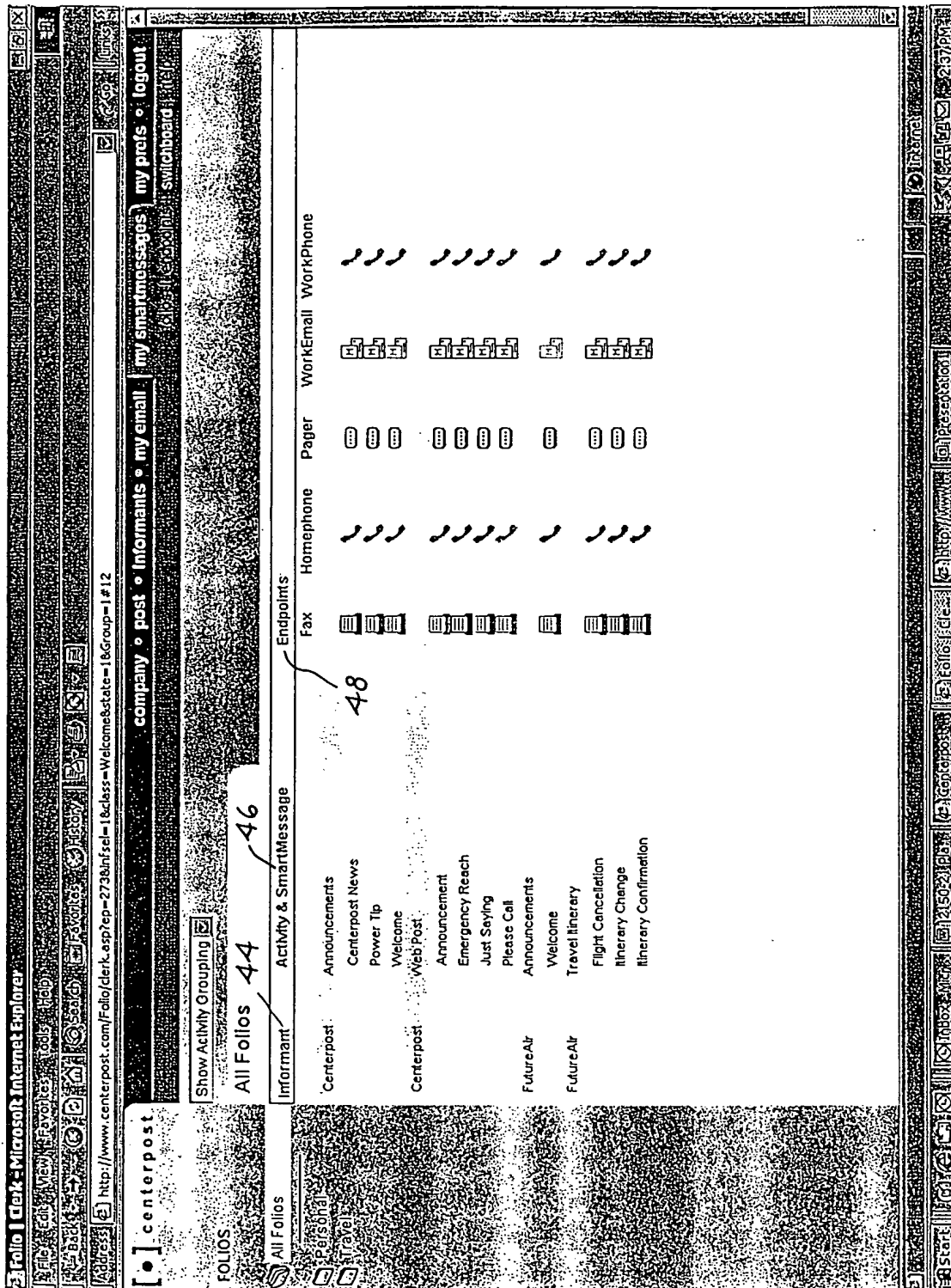


Patent Application for Individual XML Message Processing Platform

Inventor: Juergen Stark, et al.

Attorney Docket No. 11822-8 Serial No. 09/661,499

Sheet No. 31 of 37



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Fig. 11

Patent Application for Individual XML Message Processing Platform

Inventors: Juergen Stark, et al.

Attorney Docket No. 11822-8 Serial No. 09/661,499

Sheet No. 32 of 37

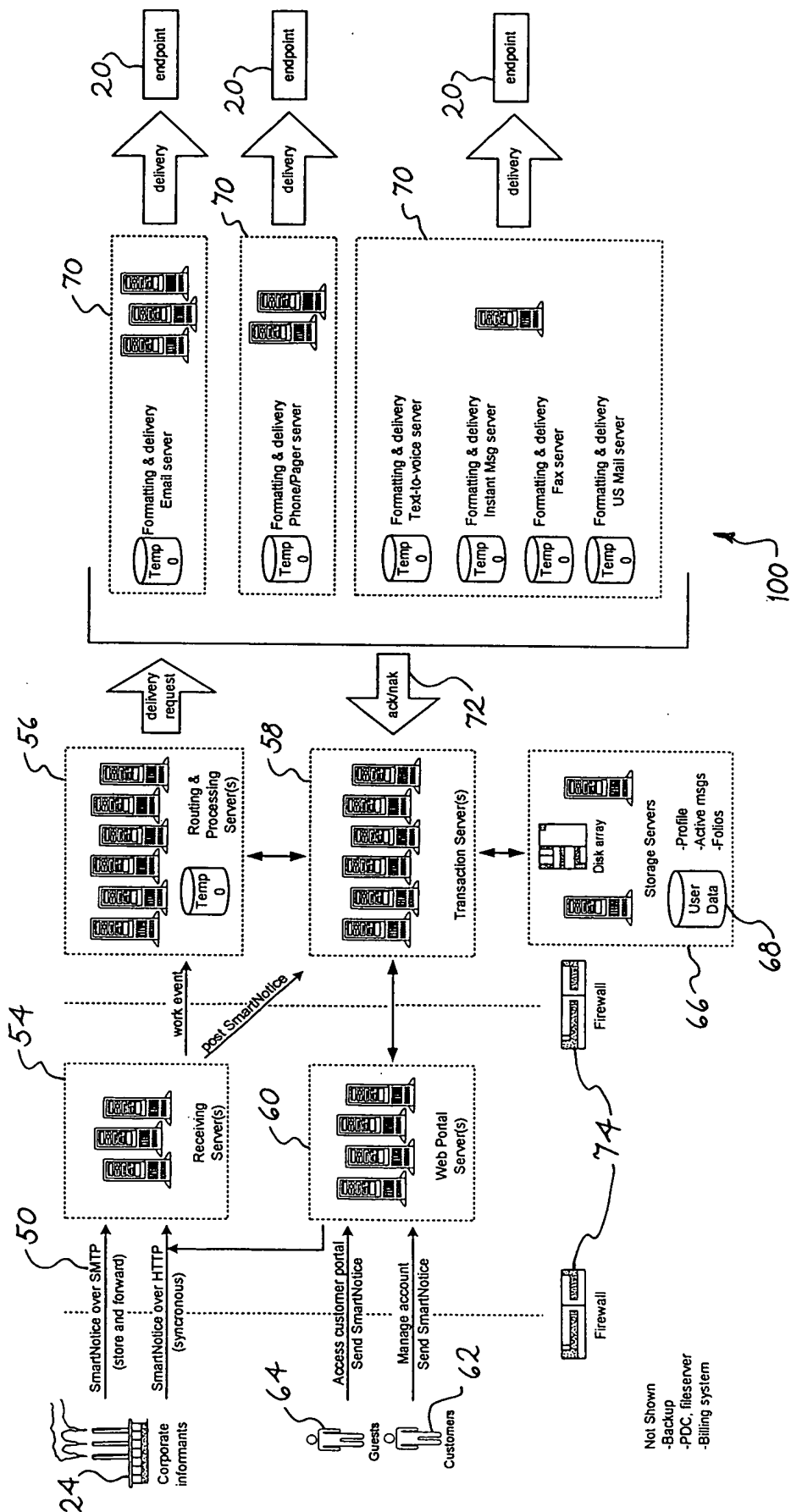


Fig 12

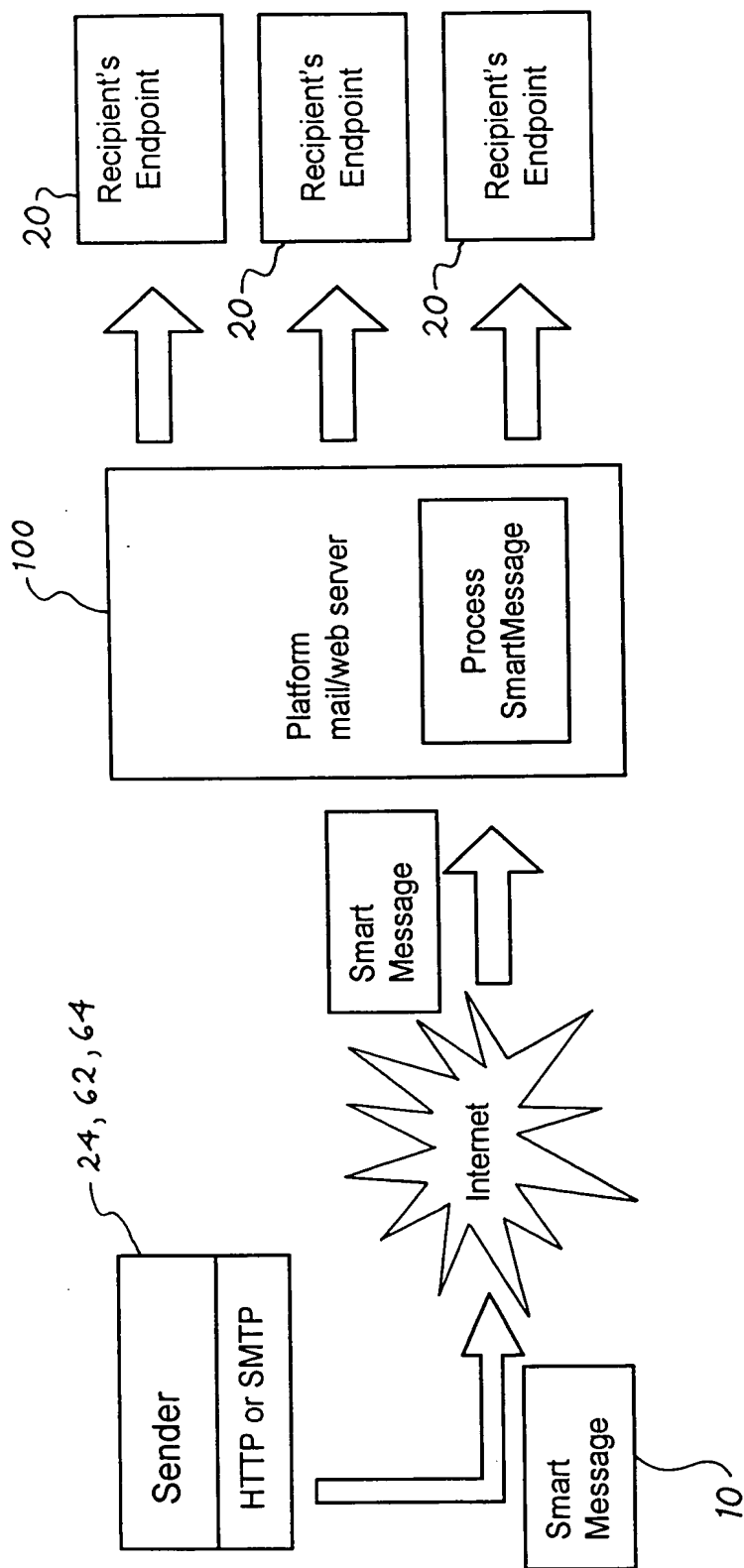


Fig. 13

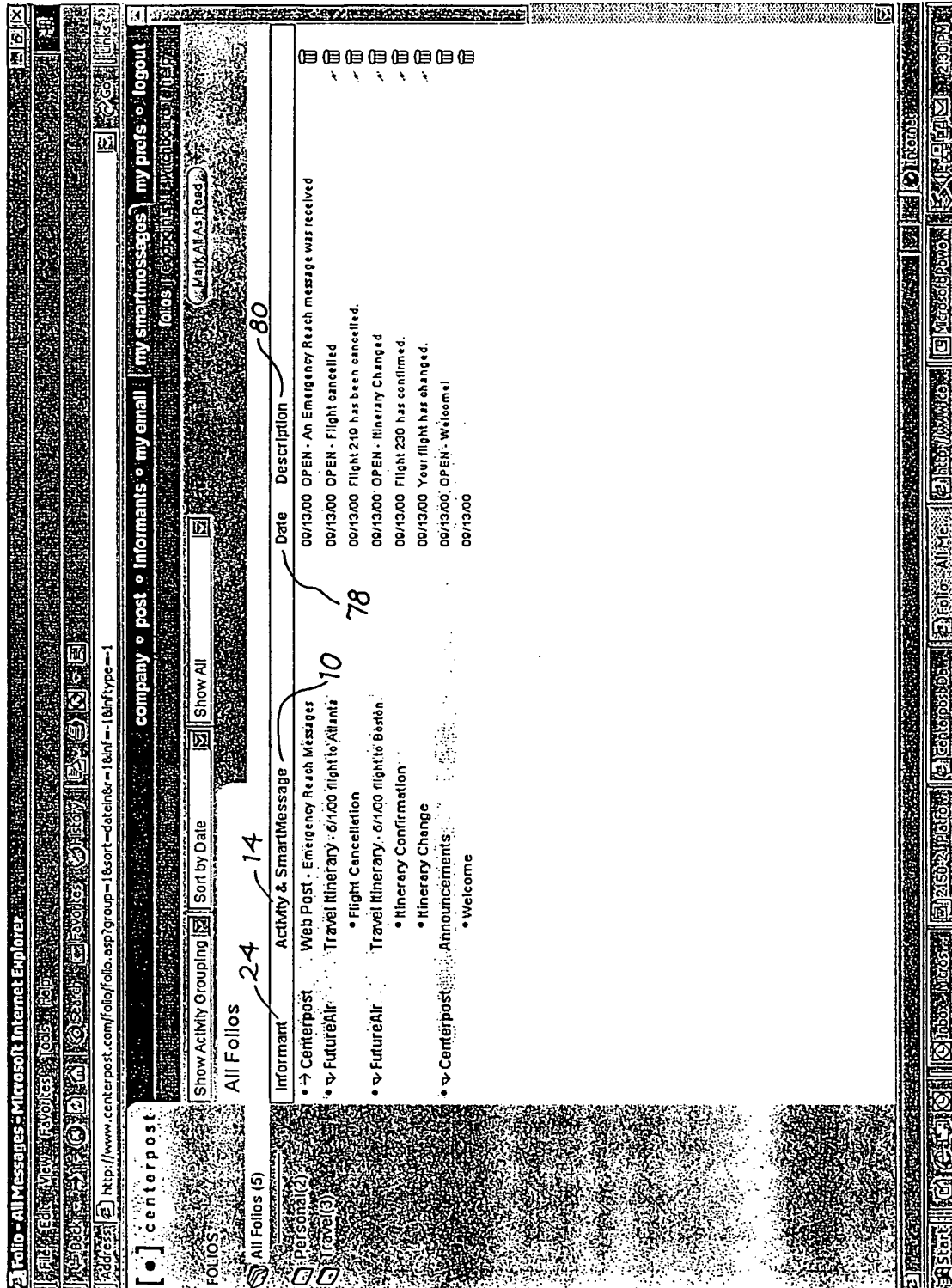


Fig. 14

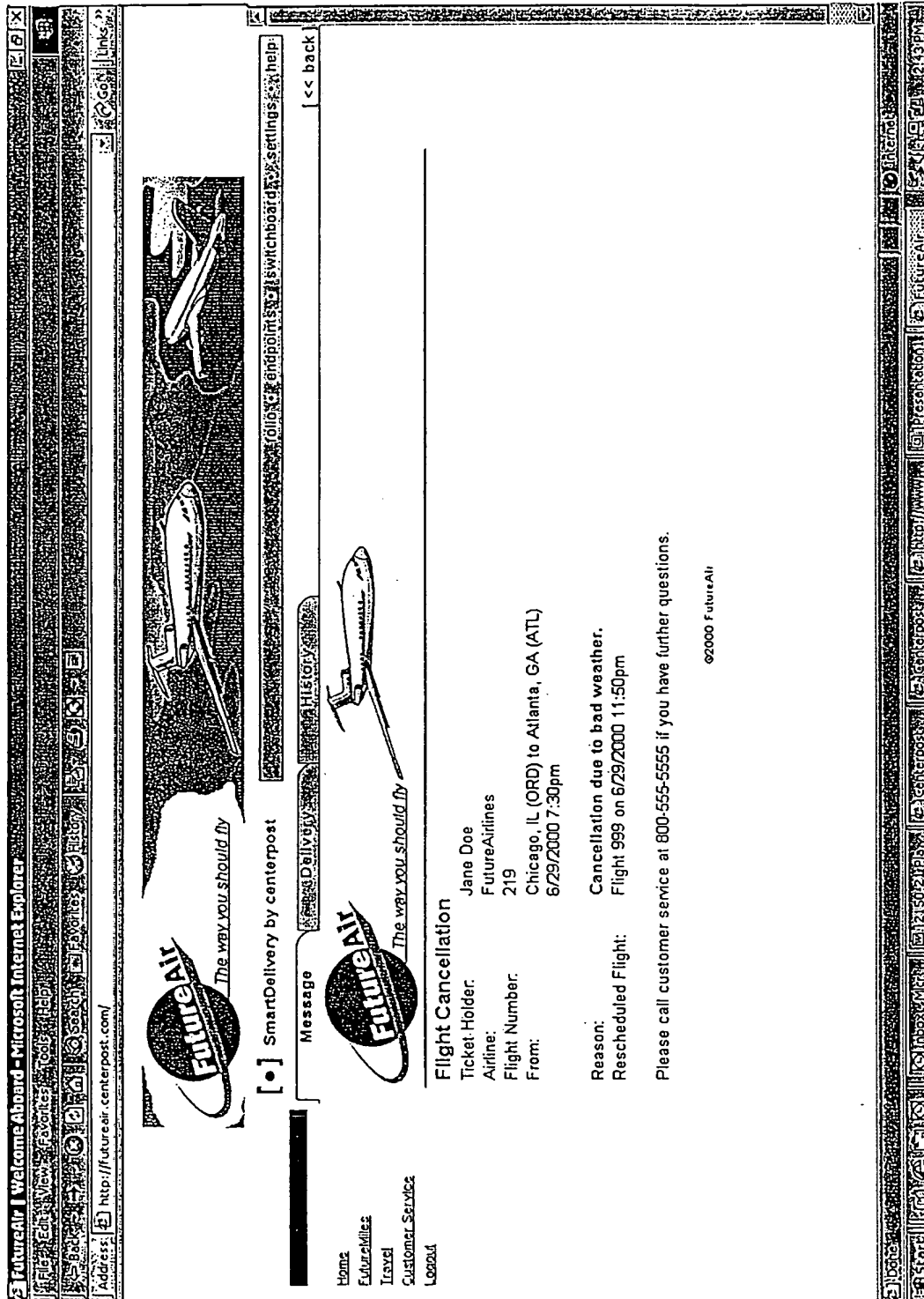


Fig. 15A

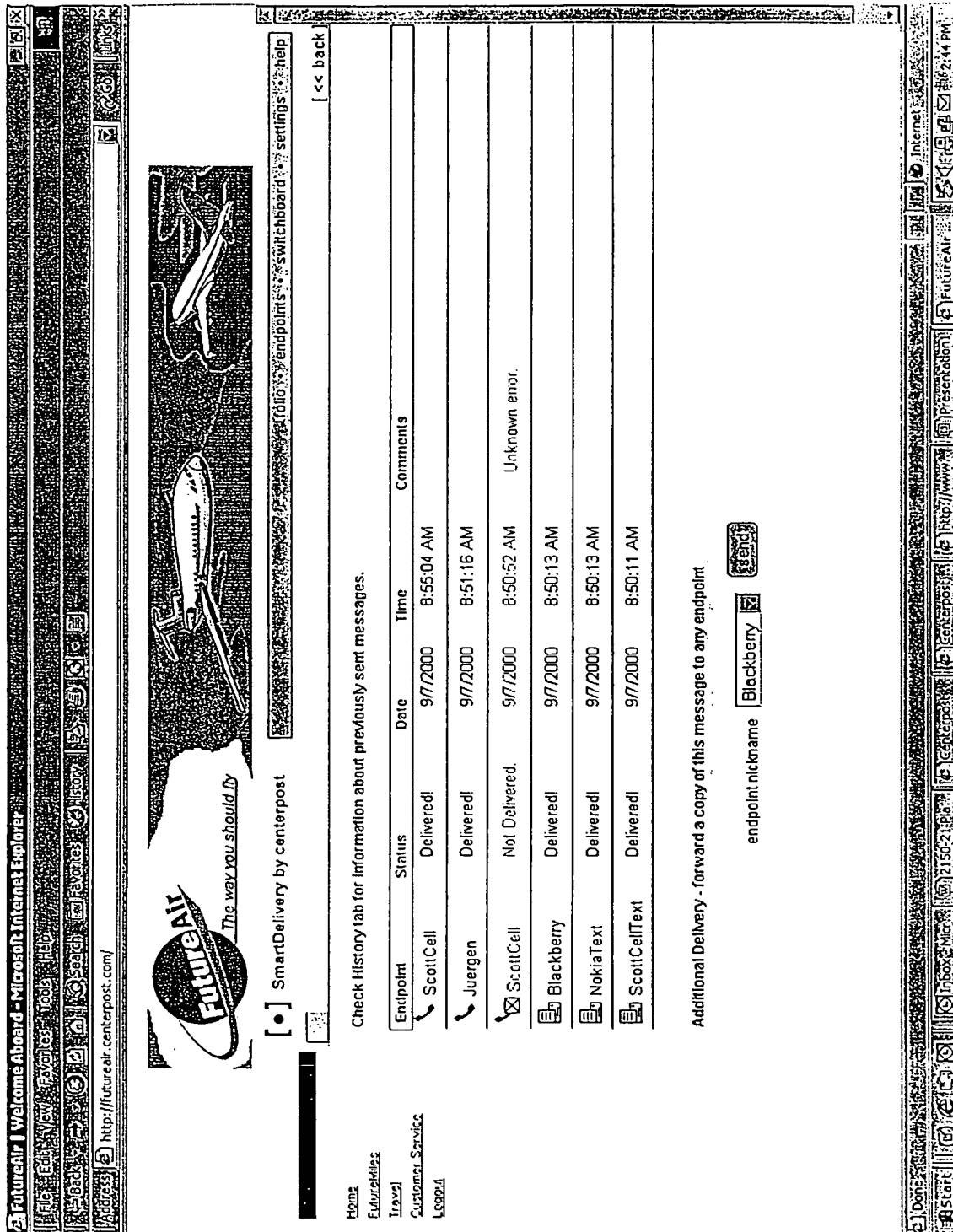
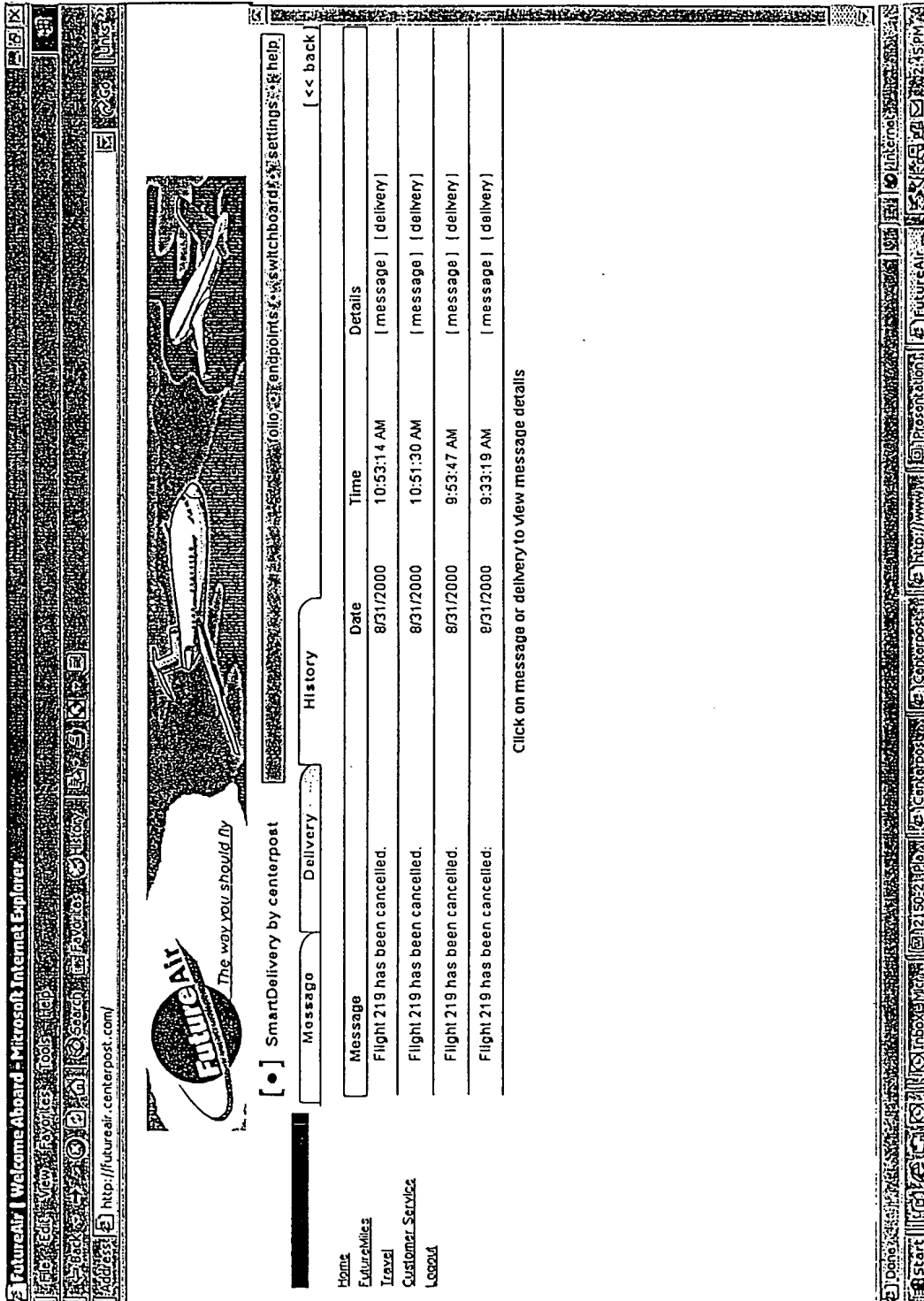


Fig. 15B



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